

CLAIMS:

Please amend the claims as follows:

1. (currently amended) A colour display device comprising:  
a first display substrate and a second display substrate, said substrates being spaced apart and opposed to each other;  
a layer of an electro-optic material between the substrates;  
a set of first elongated electrodes on an inner surface of the first display substrate and a set of second elongated electrodes on an inner surface of the second display substrate, the first electrodes overlapping the second electrodes to define pixels for selectively applying an electric field across at least some of said electro-optic material, a length of the first electrodes being arranged substantially orthogonally relative to a length of the second electrodes;  
a set of first elongate colour filters on the first display substrate, each of said electrodes being in register with one of said first colour filters; and  
a set of second elongate colour filters on the second display substrate, each of said second electrodes being in register with one of said second colour filters, said set of first colour filters being arranged such that a length of said set of first colour filters is substantially orthogonal relative to a length of said set of second colour filters and each first colour filter overlaps at least two second color filters;  
whereby in which the colour of light transmitted through a pixel is determined by the light transmitted by both the first colour filter and the second colour filter that intersect at that pixel.

2. (previously presented) The device according to claim 1, wherein said first and second colour filters comprise at least two different colours selected from cyan, magenta and yellow, and selected so that any two-by-two array pixels contains at least one red, one green and one blue pixel.

3. (previously presented) The device according to claim 1, wherein said first colour filters comprise alternating stripes of yellow and cyan and wherein said second colour filters comprise alternating stripes of yellow magenta.

4. (previously presented) The device according to claim 1, wherein said first and second colour filters each comprise repeating stripes of cyan, magenta and yellow.

5. (previously presented) The device according to claim 1, wherein said first and second colour filters each comprise stripes of a plurality of colours, and wherein the wavelengths of light transmitted by all of said first colour filters or by all of said second colour filters would if mixed produce substantially white light.

6. (previously presented) The device according to claim 1, further including a backlight for illuminating the display, located adjacent to an outer surface of said second display substrate; wherein said second colour filters comprise reflectance filters so that at least some of the light which is not transmitted by said second colour filters will be reflected towards said backlight.

7. (currently amended) The device according to claim 6, wherein said first colour filters comprise absorbing filters, ~~whereby~~ in which incident light which is not transmitted by said first colour filters will be substantially absorbed by said filters.

8. (previously presented) The device according to claim 1, wherein each electrode is provided with an associated busbar with which it is in registration and in electrical contact.

9. (previously presented) The device according to claim 1, wherein the electro-optic material is a liquid crystal material.

10 – 13. (cancelled)

14. (currently amended) A colour display device comprising:  
first and second spaced apart display substrates enclosing a layer of an electro-optic material, an inner surface of each substrate being provided with a plurality of elongate parallel electrodes and a plurality of elongate parallel colour filters, each filter being in register with an electrode;

wherein the electrodes and colour filters on one of the inner surfaces are aligned substantially orthogonally to ~~those~~ electrodes and colour filters on the other inner surface, respectively, such that at least two adjacent first color filters of different colors intersect and overlap at least two adjacent second color filters of different colors within a single pixel, so that the colour of light transmitted through a location where two colour filters overlap is determined by the light transmitted by both of the filters.

15. (currently amended) A colour liquid crystal display device comprising:  
first and second spaced apart display substrates enclosing a layer of a liquid crystal material, an inner surface of each substrate being provided with a plurality of elongate parallel electrodes each of which is in register with an elongate colour filter of substantially the same size and shape as the electrode with which it is registered and is provided on the same substrate;

the electrodes and colour filters on one of the inner surfaces being aligned substantially orthogonally to ~~these~~ the electrodes and colour filters on the other inner surface, respectively, so that the colour of light transmitted through a location where two colour filters overlap is determined by the light transmitted by both of the filters;

the device including a backlight located adjacent to an outer surface of the second display substrate, and the colour filters on the second display substrate being reflective colour filters.

16. (previously presented) The colour liquid crystal display device according to claim 15, wherein the colour filters on the first display substrate are absorptive colour filters.

17. (previously presented) The device according to claim 2, wherein said first colour filters comprise alternating stripes of yellow and cyan and wherein said second colour filters comprise alternating stripes of yellow and magenta.

18. (previously presented) The device according to claim 2, wherein said first and second colour filters each comprise repeating stripes of cyan, magenta and yellow.